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TASMANIAN FIELD NATURALISTS' CLUB
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NOTICE OF MEETING

The next meeting will be held in the Royal Society room, Tasmanian Museum, on Thursday April 18th, at 7.45.p.m.

SPEAKER

Miss M. L. Westbrook

SUBJECT

South America - Talk, with slides.

LIBRARY OF ...
18 APR 1974
PERIODICALS

NEXT OUTING

LEADER - Mr. K. Aves.
OBJECT - to find Podocarpus pine on Mount Wellington.
MEET by the Prince Theatre
SATURDAY, April 20th
TIME - 10 a.m. Private Transport.

SUBSCRIPTIONS - Keep them rolling in!

FEDERATION OF FIELD NATURALISTS' CLUBS A.G.M.

The President, and Acting Secretary attended in Launceston on April 6th.

COMMITTEE MEETING

The new Committee met on April 3rd todeal with Club business - Accounts were passed for payment, suggestions were made for programme of meetings and outings, various conservation matters were discussed.

TASMANIAN NATURALIST

Articles are invited and should be received by the Editor by April 10th for May, July 10th for August and October 10th for November.

NEW MEMBER

Welcome to Miss K. Jordon, 26 Riawena Rd, Rosny

MEMBERSHIP

For 1973-4, 102 - 7 left and 9 new members were enrolled, and we were sorry to lose Mr.Simson and Mr. Bennett who died during the year.

PROGRAMME

April - Films.
May - Frogs and Lizards - Mr. Hewer.
June - Whales, Dolphins and Things - Dr. Eric Guiler.
July - Hazard Reduction Burning - Mr. Gabel.
August - Films.
September - Members' Night - Mrs. Luckman, Mrs. Allan and Mr. Harris.
October - Travels in India - Mr. Noel Kemp.
November - Trees in Waterfall Bay Area - Mr. Ken Felton.
February, 1974 - Freshwater Crustaceans - Mr. Brenton Knott.

OUTINGS - Places, Aims, Leaders.

Collinsvale - Regrowth - Mrs. Thorpe.
Primrose Sands - Frogs and Lizards - Mr. Hewer
Mt. Faulkner - Find the Tree Senecio - Mr. Wall.
Bellerive Quarry - Orchids - M.L.Westbrook.
Snug Falls Area - Regrowth - Mr. Wall.
Mr. and Mrs. Luckman's Property - Middens - Mr. Luckman.
Ellendale - Mr. and Mrs. A. Brownell.
Bus Outing (arranged by Miss F.E.Warren) Waterfall Bay Area - Mr. Ken Felton.
Eastern Shore Beaches - Seashore flora and birds- M.L.Westbrook.

NATURAMA

Mr. John Simmons, (Launceston Field Naturalists' Club), presented an evening of nature slides, with recorded commentary. This was an excellent show, stressing conservation issues. Advertising and hire of hall were very expensive, resulting in a loss of $50 which was paid for from Club funds.

DELEGATES

have attended meetings of the Federation of Field Naturalists' Clubs, Rural Fires Board for Hazard reduction burning, and Tasmanian Environment

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Centre for Lower Gordon Committee.

CIRCULAR FOLDING

Thanks to those members who have volunteered to help fold the Bulletin and Tasmanian Naturalist ready for posting.

TASMANIAN NATURALIST

Thanks to the Editor, Mr. D.G.Thomas, who, with Mr. Wall's help, produced this quarterly supplement to our Bulletin. Some issues have been larger than usual owing to recent research articles on environmental subjects.

LIBRARY

The Librarian, Mrs. McDonald, has organised filing for the regular periodicals and newsletters and has been present before the meetings to lend books. Donations from Dr. Thyne and other members enabled the purchase of a good reference book on insects, and several other books have been added to the shelves.

COMMITTEE

Four meetings have been held and well attended. The business included financial matters, membership, conservation issues, programmes of meetings and outings, Easter camp, library arrangements, publications, and many minor details.

FINALLY

Our thanks goes to Miss R. Warren, our Auditor, and the various speakers, including those who gave the short talks at the beginning of our monthly meetings.

Extract from Unesco Courier, January 1974.

POWER FROM THE SUN

Today's oil crisis has highlighted the much broader problem of the world's critical energy shortage. With rising population and dwindling energy resources it becomes clear that future requirements call for the speediest possible development of power sources other than fossil fuels. Solar energy, already being tapped in many ways, offers promise for tomorrow.

The primary advantage of converting solar energy to power is the inherent absence of virtually all of the undesirable environmental conditions ascribed to present and anticipated power from fossil fuels.

One of the toughest problems is 'What does one do when the sun doesn't shine?'Man's ingenuity is working on this. One way to overcome the difficulty is to have a satellite power station orbiting the earth. Power from space has the potential to provide economically viable and environmentally and socially acceptable means to meet future world energy requirements.

Scientists are already saying that a 'Solar Era' in power engineering is on the way - if not in the 20th century, then in the 21st.A preview of this era was offered by a recent exhibition of science fiction paintings, 'Tomorrow's World' held in Moscow. A picture by the Soviet astronaut Alexei Leonov and the painter Aleksander Sokolov showed a gigantic mirror orbiting in space, lighting up vast regions of the earth at night - such a device could be immensely useful to places where ground and air traffic is particularly heavy after dark!

On every continent, domestic heating and lighting units, water pumps, desalting stills, refrigerators are running on solar energy. In Australia it has been estimated 15% of her energy needs could be met by solar power by year 2000 and government scientists are now studying industrial applications that run from water heating to timber drying.

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